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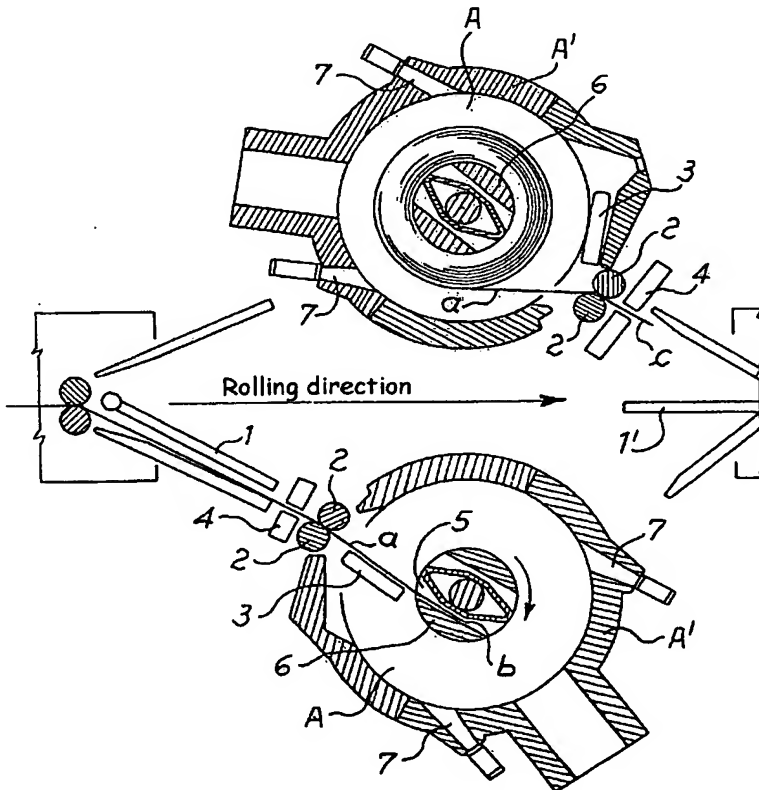
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(54) Title: THERMO-ELECTROMECHANICAL PROCESS AND SYSTEM FOR COILING AND UNCOILING AN IN-LINE
HOT ROLLED PRE-STRIP FROM THIN SLAB CONTINUOUS CASTING



(57) Abstract: A system and the relevant
thermo-electromechanical process with
two superimposed devices (A) able to coil
and uncoil a pre-strip (a) by reversing their
positions, provided with outer (4) and inner
(7) burners to respectively equalize and
optimise the temperature along the whole
pre-strip by means of special algorithms of
the control software, suited to also control
the speed, acceleration and deceleration,
both in the coiling and uncoiling step, of
the chuck (6) up to the advanced stop during
coiling to let a segment of tail (c) of the
pre-strip out of the device (A). A particular
structure of the chuck (6) is also described.

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